

Client:	Eko Health Inc.	PR Number:	PUS58002064
Model:	E10 Core 300 Digital Stethoscope	T-Log Number:	TL-002964-RA
Contact:	Sahil Vasani	Project Manager:	Deepa Shetty
Standard:	EN 300 328	Project Engineer:	David Bare
		Class:	N/A

Maximum Permissible Exposure / SAR Exclusion

Specific Details

Objective: Evaluate the RF Exposure requirements per FCC 1.1310, 2.1091, 2.1093 and RSS-102.

Date of Test: 6/30/2026

Test Engineer: David Bare

General Test Configuration

SAR exclusion calculation formula is from FCC KDB 447498 D01 section 4.3:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}]$$

Where: $f_{(\text{GHz})}$ is the RF transmit channel frequency

Summary of Results

Device complies with SAR exclusion at 5mm separation:	Yes
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Deviations From The Standard

No deviations were made from the requirements of the standard.

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FCC SAR Exclusion Calculation

Freq. MHz	EUT Power		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	SAR Exclusion Calc.	SAR Exclusion Limit
2480	dBm	mW*	0	0.1	4.2	2.68	5.0	0.82	3.0

ISED Canada SAR Exclusion Calculation (Highest of output power or EIRP)

Freq. MHz	EUT Power		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	Maximum Power or EIRP	SAR Exclusion Limit (mW)
2480	dBm	mW*	0	0.1	4.2	2.68	5.0	2.68	3.0

Time averaged power value includes maximum stated duty cycle of 84.8% and device tolerance of +1.0 dB